



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Pecus, Vivian

Examiner: Winder

Serial No.: 09/960,636

Group Art Unit: 2145

Filed: September 21, 2001

Title: Forward Cache Management Between Edge Nodes in a Satellite Based Content Delivery System

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, this Information Disclosure Statement includes Form PTO/SB/08:

1. ☒ listing documents including patents, publications and other information for consideration by the Examiner, however, since the subject application was filed after June 30, 2003, copies of United States patents and/or United States patent application publications are not included in this information disclosure statement; and/or
2. ☐ listing documents including patents, publications and other information that have been previously cited or submitted to the Patent Office in prior application U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_ which is properly identified and relied on for an earlier effective filing date under 35 U.S.C. 120 for consideration by the Examiner; however, in accordance with 37 C.F.R. 1.98(d), copies of such documents are not included in this information disclosure statement; and/or
3. ☐ listing documents including patents, publications, and other information for consideration by the Examiner, copies of which are included with this information disclosure statement;
4. ☐ listing other information for the Examiner's consideration which was cited in a communication from a foreign patent office in a counterpart foreign application, a copy of which is included with this information disclosure statement.

The information herein cited is only in fulfillment of Applicant(s) duty of candor in disclosing all information brought to Applicant(s) attention. This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each and every document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application and is evidence that the Examiner has considered the document.

This Information Disclosure Statement is being filed:

I) ☐ Within three (3) months of filing the subject Application or entry of the subject Application into the national stage or before mailing of the first Office Action on the merits of the subject Application or a request for continued examination thereof, whichever event occurs last pursuant to of 37 C.F.R §1.97 (b); or

II) ☒ After the period specified in (I) but before the mailing date of either a final Official Action under 37 C.F.R §1.113 or a notice of allowance under 37 C.F.R §1.311 whichever occurs first and;

1. ☐ the undersigned hereby states that each item of information listed on the Form PTO-1449 was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement or (ii) not cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, not known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this information disclosure statement; or

2. ☒ the undersigned hereby authorizes the Patent Office to charge the fee in the amount of \$180.00 under 37 C.F.R §1.17 (p) to Deposit Account 50-3355.

III) ☐ After the period in (I) and (II) but before the payment of the issue fee and,

1. The undersigned hereby states:

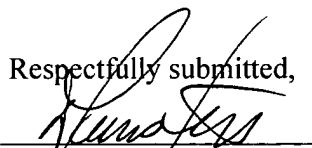
a) ☐ that each item of information cited on the form PTO-1449 was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement; or

b) ☐ that no items of information contained in Form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; and

2. ☐ The undersigned hereby authorizes the Patent Office to charge the Petition fee in the Amount of \$180.00 under 37 C.F.R §1.17 (p) to Deposit Account 50-3355.

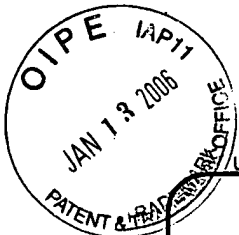
**Except** for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-3355.

Respectfully submitted,

  
\_\_\_\_\_  
David A. Loewenstein  
Attorney/Agent for Applicant(s)  
Registration No. 35,591

Dated: January 10, 2006

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PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3**Complete if Known**

Application Number	09/960,636
Filing Date	09/21/2001
First Named Inventor	Vivian Pecus
Art Unit	2145
Examiner Name	Cardonne
Attorney Docket Number	P-8529-US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,999,797	12-07-1999	Zancho et al.	
		US- 5,778,187	07-07-1992	Monteiro et al.	
		US- 2001/0027493	10-04-2001	Wallace	
		US- 2001/0009014	07-19-2001	Savage et al.	
		US- 2001/0026537	10-04-2001	Massey	
		US- 2001/0043574	11-22-2001	Nguyen et al.	
		US- 2002/0118638	08-29-2002	Donahue et al.	
		US- 2001/0043573	11-22-2001	Kelly	
		US- 6,671,741B1	12-30-2003	Dillon	
		US- 6,697,360B1	02-24-2004	Gai et al.	
		US- 2003/0236745	12-25-2003	Hartsell et al.	
		US- 6,829,250	12-07-2004	Voit et al.	
		US- 2005/0071496	03-31-2005	Singal et al.	
		US- 5,579,239	11-26-1996	Freedman et al.	
		US- 2001/0012296	08-09-2001	Burgess et al.	
		US- 6,810,413	10-26-2004	Rajakarunanayake et	
		US- 6,240,533	05-29-2001	Slemmer	
		US- 2001/0025377	09-27-2001	Hinderks	
		US- 6,792,615	09-14-2004	Rowe et al.	

**FOREIGN PATENT DOCUMENTS**

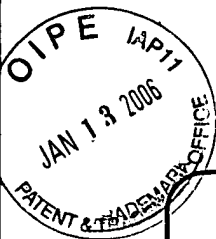
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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Considered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Sheet 2of 3**Complete if Known**

Application Number	09/960,636
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First Named Inventor	Vivian Pecus
Art Unit	2145
Examiner Name	Cardonne
Attorney Docket Number	P-8529-US

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,377,981	04-23-2002	Ollikainen et al.	
		US- 6,463,585	10-08-2002	Hendricks	
		US- 5,594,490	01-14-1997	Dawson et al	
		US- 5,999,970	12-07-1999	Krisbergh	
		US- 5,592,470	01-07-1997	Rudrapatna	
		US- 2003/0028889	02-06-2003	McCosky	
		US- 4,477,799	10-16-1984	Rocci	
		US- 4,404,514	09-13-1983	Reichart	
		US- 6,675,386	01-06-2004	Hendricks et al	
		US- 4,616,214	10-07-1986	Naito	
		US- 5,682,195	10-28-1997	Hendricks et al	
		US- 6,577,642	06-10-2003	Fijolek et al.	
		US- 6,345,239	02-05-2002	Bowman-Amuan	
		US- 6,751,673	06-15-2004	Shaw	
		US- 6,516,350	02-04-2003	Lumelsky	
		US- 6,665,726	12-16-2003	Leighton et al.	
		US- 2002/0032766	03-14-2003	Xu	
		US- 2001/0027491	10-04-2001	Terretta et al.	
		US- 5,583,561	12-10-1996	Baker et al.	

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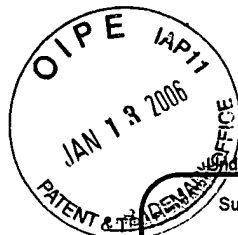
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		US- 6,112,206	08-29-2000	Morris et al	
		US- 6,408,333	06-18-2002	St. Clair	
		US- 6,473,858	10-29-2002	Shimomura et al.	
		US- 2002/0069416	06-06-2003	Stiles	
		US- 6,370,571	04-09-2002	Medin	
		US- 5,990,927	11-23,1999	Hendricks et al	
		US- 2005/0138660	06-23-2005	Boyer et al	
		US- 6,442,599	08-27-2002	DuLac et al.	
		US- 6,034,678	03-07-2000	Hoarty et al	
		US- 6,285,685	09-04-2001	Bum	
		US- 6,647,412	11-11-2003	Strandberg et al.	
		US- 2002/0065919	05-30-2002	Taylor et al.	
		US- 2002/0083006	06-27-2002	Headings et al.	
		US- 2001/0029525A1	10-11-2001	Lahr	
		US- 6,681,232B1	01-20-2004	Sistanizadeh	
		US- 6,768,722B1	07-27-2004	Katseff et al	
		US- 6,674,994	01-06-2004	Fell et al.	
		US-			
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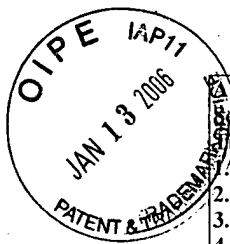
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Applicant(s): Pecus, Vivian		Atty Docket No.: P-8529-US	
Serial No. /Patent No.: 09/960,636		Delivered on: January 10, 2006	
Title: FEEDBACK CONTROLLER FOR PWM AMPLIFIER			
1. <input type="checkbox"/> Provisional Cover Sheet	9. <input type="checkbox"/> Response to Notice to File Missing Parts		
2. <input type="checkbox"/> Utility Patent Application Transmittal	10. <input type="checkbox"/> Response to Notice of Incomplete Reply		
3. <input type="checkbox"/> RCE Transmittal Sheet	11. <input type="checkbox"/> Request for Correction of Filing Receipt		
4. <input type="checkbox"/> Fee Transmittal Sheet	12. <input checked="" type="checkbox"/> Information Disclosure Statement including: - Form PTO/SB/08 and references ____		
5. <input type="checkbox"/> Patent Application Under 35 USC 111(a)	13. <input type="checkbox"/> Preliminary Amendment		
<input type="checkbox"/> Provisional Patent Application Under 35 USC 111(b)	14. <input type="checkbox"/> Response to Office Action dated ____		
<input type="checkbox"/> Transmittal Sheet for Entering National Phase Containing: ____ Pages of Specification	15. <input type="checkbox"/> Petition for a One Month(s) Extension of Time		
____ Pages of Claims	16. <input type="checkbox"/> Notice of Appeal <input type="checkbox"/> Appeal Brief ____		
____ Page of Abstract	17. <input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Publication Fee		
____ Pages of Formal Drawings	18. <input type="checkbox"/> Submission of Formal Drawings: Two sets of ____ Sheets containing Figs. ____		
____ Pages of ____	19. <input type="checkbox"/> Certified Copy of Priority Doc.		
6. <input type="checkbox"/> Signed Declaration & Power of Attorney	20. <input type="checkbox"/> Claim for Convention Priority		
7. <input type="checkbox"/> Request for Correction of Recordation of Assign. and: - Recordation Cover Sheet	21. <input type="checkbox"/> Revocation and Power of Attorney, including: - Statement Under 37 CFR 3.73(b)		
- Copy of Notice of Recordation of Assign.	- Copy of Assignment		
8. <input type="checkbox"/> Recordation of Assign. Cover Sheet & Signed Assign.	22. <input checked="" type="checkbox"/> Other: <u>Request for Continued Examination</u>		